MSI CUBINUC1M011B

MSI Cubi NUC Barebone Desktop User Manual

Model: CUBINUC1M011B | Brand: MSI

1. Introduction

This manual provides essential information for the setup, operation, and maintenance of your MSI Cubi NUC Barebone Desktop. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. Package Contents

Verify that all items are present in the box:

- MSI Cubi NUC Barebone Desktop
- User Manual

3. Product Overview

The MSI Cubi NUC is a compact barebone desktop designed for professional users, offering robust performance and versatile connectivity in a small form factor.



Figure 3.1: Front view of the MSI Cubi NUC Barebone Desktop. This image displays the compact size and the front panel with essential ports and the power button.

3.1 Front Panel



Figure 3.2: Front panel ports. Features include an audio jack, two USB 3.0 ports, and the power button with an indicator light.

3.2 Rear Panel



Figure 3.3: Rear panel ports. Connectivity includes multiple USB ports, dual HDMI outputs, dual 2.5G LAN ports, and a Thunderbolt 4 port.

3.3 Top and Bottom Views



Figure 3.4: Top view of the MSI Cubi NUC, showcasing its sleek, minimalist design.



Figure 3.5: Bottom view of the MSI Cubi NUC, highlighting the ventilation and VESA mounting points for flexible placement.

3.4 Product Video Overview

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Video 3.1: An official video from MSI Computer Corp. providing a visual overview of the Cubi NUC. This video demonstrates key features and design aspects of the product.

4. Setup Guide

The MSI Cubi NUC is a barebone desktop, meaning it requires the installation of RAM and storage (SSD) before initial use. Follow these steps for setup:

1. **Install RAM:** Locate the DDR5 SO-DIMM slots on the motherboard. Gently insert the DDR5 memory modules into the slots until they click into place. The Cubi NUC supports up to 64GB of DDR5 RAM.
2. **Install Storage:** The device supports SSD storage. Install your chosen SSD into the designated slot on the

motherboard.

3. **Connect Peripherals:** Connect your monitor(s) using the HDMI or Thunderbolt 4 ports. Connect your keyboard, mouse, and any other necessary peripherals to the available USB ports.
4. **Power On:** Connect the power adapter to the DC-in port on the rear panel and then to a power outlet. Press the power button on the front panel to turn on the device.
5. **Operating System Installation:** Since this is a barebone unit, an operating system (e.g., Windows, Linux) will need to be installed. Follow the instructions provided with your chosen operating system for installation.

5. Operating Instructions

Once the operating system is installed, your MSI Cubi NUC is ready for use. Here are some key operating features:

- **Multi-Display Support:** The Cubi NUC supports up to 4 displays simultaneously via HDMI-out and Thunderbolt 4, enhancing productivity.
- **Thunderbolt 4:** Utilize the Thunderbolt 4 port for high-speed data transfer and power delivery input (up to 100W), allowing for a single-cable solution for power and display with compatible monitors.
- **Dual 2.5G LAN:** Benefit from dual 2.5G LAN for high-speed network connectivity, improved redundancy, and efficient network management.
- **Wireless Connectivity:** Integrated WiFi 6E and Bluetooth provide fast and reliable wireless connections for networking and peripherals.

6. Maintenance

To ensure the longevity and optimal performance of your MSI Cubi NUC, regular maintenance is recommended:

- **Cleaning:** Regularly clean the exterior of the device with a soft, dry cloth. Use compressed air to clear dust from ventilation grilles to maintain proper airflow.
- **Software Updates:** Keep your operating system, drivers, and firmware updated to the latest versions. Visit the official MSI website for driver downloads and support.
- **Ventilation:** Ensure the device is placed in a well-ventilated area and that the air vents are not obstructed.

7. Troubleshooting

If you encounter issues with your MSI Cubi NUC, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the device and a working power outlet. Test the outlet with another device.
- **No Display:** Verify that your monitor cables (HDMI, Thunderbolt 4) are correctly connected to both the Cubi NUC and the monitor. Ensure the monitor is powered on and set to the correct input source.
- **Peripheral Not Detected:** Try connecting the peripheral to a different USB port. Ensure the peripheral's drivers are installed and up to date.
- **Network Connectivity Issues:** For wired connections, check the Ethernet cable and ensure your router/modem is functioning. For wireless connections, verify WiFi is enabled and you are connected to the correct network.

8. Specifications

Feature	Specification
Model Name	CUBINUC1M011B

Processor	Intel Core 3-100U (3.3 GHz)
RAM	DDR5 (2X Slots, up to 64GB, 5200 MHz)
Hard Drive Interface	Solid State (SSD)
Graphics Coprocessor	Intel UHD Graphics (Integrated)
Max Screen Resolution	3840x2160
Wireless Type	802.11ax (WiFi 6E), Bluetooth
USB 3.0 Ports	4
LAN	Dual 2.5G LAN
Thunderbolt	Thunderbolt 4 (with Power Delivery Input)
Dimensions (LxWxH)	5.34 x 5.22 x 1.97 inches
Item Weight	3.2 pounds
Color	Black

9. Warranty and Support

Your MSI Cubi NUC Barebone Desktop comes with a**3-Year Advance Replacement Warranty**. For technical support, warranty claims, or additional assistance, please visit the official MSI website or contact their customer service. Keep your purchase receipt for warranty validation.
For more information, visit the MSI Store on Amazon.

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Question

Example: How do I reset this device or fix this error?

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